

Lake District National Park

Forecast valid from 00:00 on Tuesday 15 Oct 2024 until 23:59 on Wednesday 16 Oct 2024
Forecast Issued on Monday 14 Oct 2024 at 14:06

Confidence: High for the generally southerly flow bringing periods of unsettled weather as fronts cross the area, particularly for Wednesday and Friday, but lowering confidence in the detail of worst of conditions.

Headline for Tuesday 15 Oct 2024: Cloudy to overcast with quite extensive hill fog and some patchy light rain. South to southeast breezes bringing gradually lifted freezing levels.

Mountain weather hazards on Tuesday 15 Oct 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 800m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Mist	Fog	Fog	Fog	Cloudy	Cloudy	Cloudy	Fog
Precipitation probability							
10%	10%	20%	20%	20%	10%	00%	20%

Forecast for Tuesday 15 Oct 2024

Weather: Cloudy to overcast skies will bring some patchy light rain or drizzle, most readily through the morning and across south facing aspects of southern ranges. Best chance of limited brighter conditions expected from mid-afternoon to the west of Helvellyn.

Chance of cloud-free hill tops above 800m: 10% or less increasing 30% late afternoon in the west

Low cloud and visibility: In rain or drizzle visibility moderate or poor, within cloud very poor with bases extensive from 500m for much of the area and day.

Forecast for Tuesday 15 Oct 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/34 SE	32/40 SE	26/33 SE	32/40 SE	34/43 SE	31/39 SE	29/37 SE	29/38 SE	32/42 SE
600	27/39 SE	28/39 S	23/32 SE	25/36 SE	26/36 SE	24/35 SE	25/36 SE	29/42 SE	27/39 SE
300	12/26 SE	13/30 S	10/26 SE	13/30 SE	14/31 SE	13/29 SE	12/29 SE	12/30 SE	12/32 SE
Valley	7/19 SE	7/21 SE	7/20 SE	7/20 SE	8/20 SE	9/21 SE	9/22 SE	11/24 SE	10/25 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-1	4/-2	5/-1	5/-1	6/-0	6/0	7/2	8/3	9/4
600	5/-0	6/-0	6/1	7/2	8/3	8/4	8/4	9/4	9/5
300	7/4	7/4	7/4	8/5	10/7	11/8	10/8	11/8	11/9
Valley	9/7	9/7	9/7	10/9	12/10	13/11	12/11	13/11	13/11
Freezing Level*	2000m	2000m	2000m	2000m	2000m	2100m	2600m	2800m	2900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Severe wind chill at first across highest tops. Navigation difficult with extensive hill fog.

Forecast for Wednesday 16 Oct 2024

Weather: Cloudy to overcast again with rain turning heavy and persistent at times, particularly overnight Tuesday and for Wednesday evening.

Maximum wind: South to southeast initially mean 25-30 mph with gusts reaching 40-45 mph across most exposed ridges and summits, slowly easing through the day.

Chance of cloud-free hill tops above 800m: 10%

Low cloud and visibility: In rain visibility moderate or poor, within cloud very poor with bases extensive from 500m for much of the area and day.

Temperature: **Valleys:** Plus 4 Celsius increasing 14 Celsius during the afternoon
 At 800m: Plus 9-11 Celsius
 Freezing level: Well above the summits

Ground Conditions Supplement

No recent ground conditions report available.

Issued at: 1406 on Mon 14 Oct 2024